

FUEL SUPPLY AND DIAGNOSTICS MODULE

ABSTRACT OF THE DISCLOSURE

A fuel supply system includes one fuel supply and diagnostic module that is used to control various fuel supply system components. The fuel supply and diagnostics module includes a fuel system control unit that operates separately from an engine control unit. The engine control unit and fuel system control unit are electrically connected together via a two-wire connection. The fuel supply and diagnostics module includes a fuel pump with controls and diagnostics generated by the fuel system control unit. The fuel supply and diagnostics module also includes a fuel level sensor and leak detection apparatus that also have controls and diagnostic generated by the fuel system control unit. The fuel supply and diagnostics module is easily installed into a fuel tank as a single unit.